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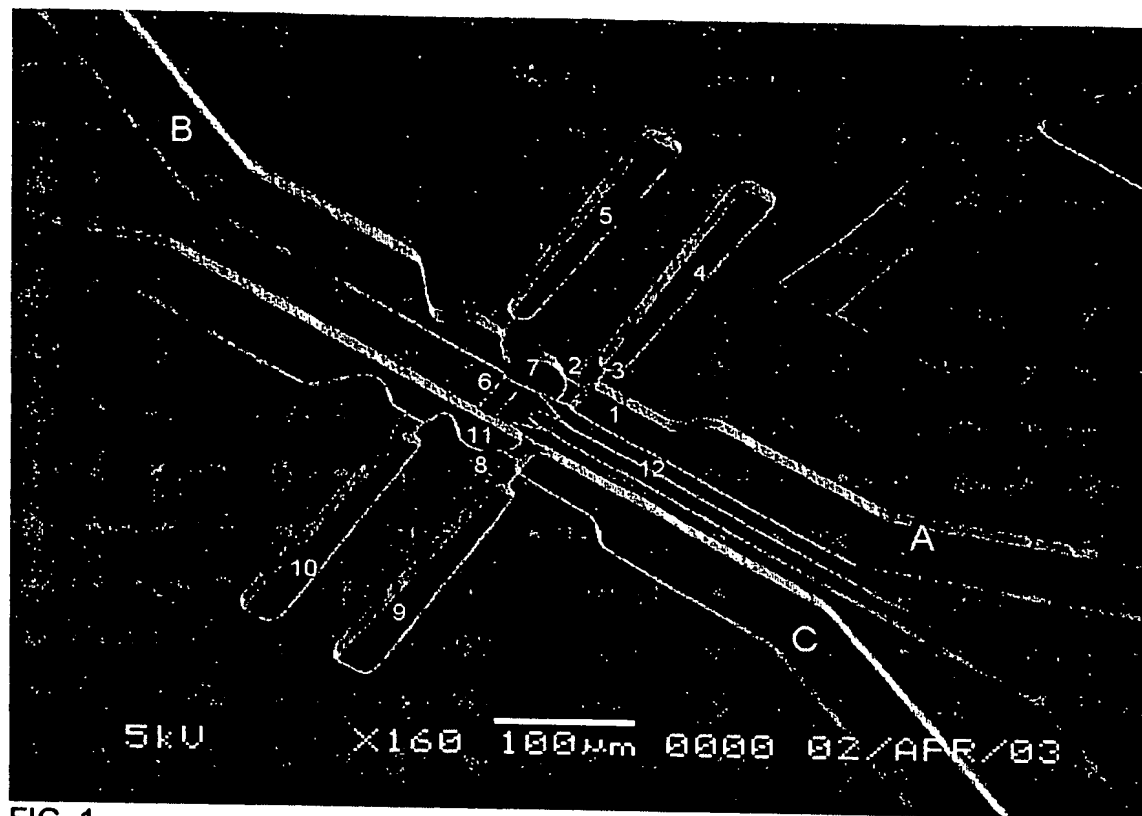


FIG. 1

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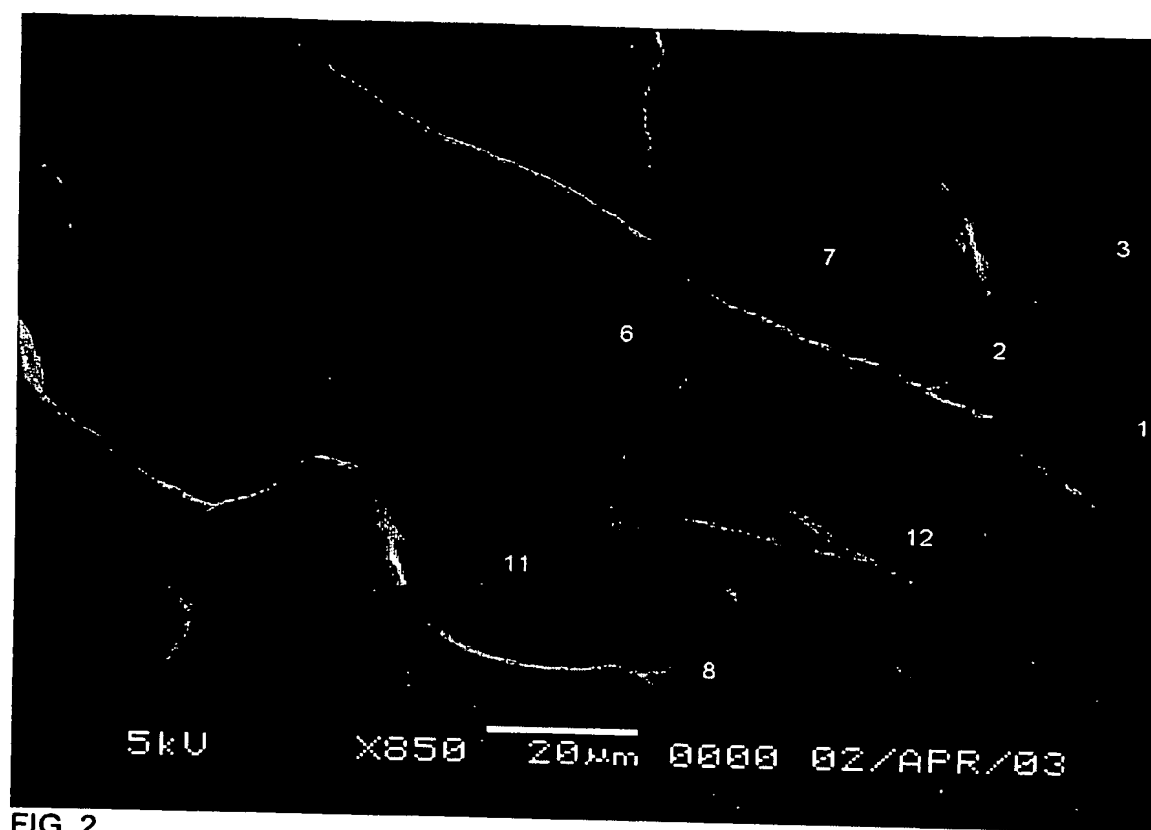


FIG. 2

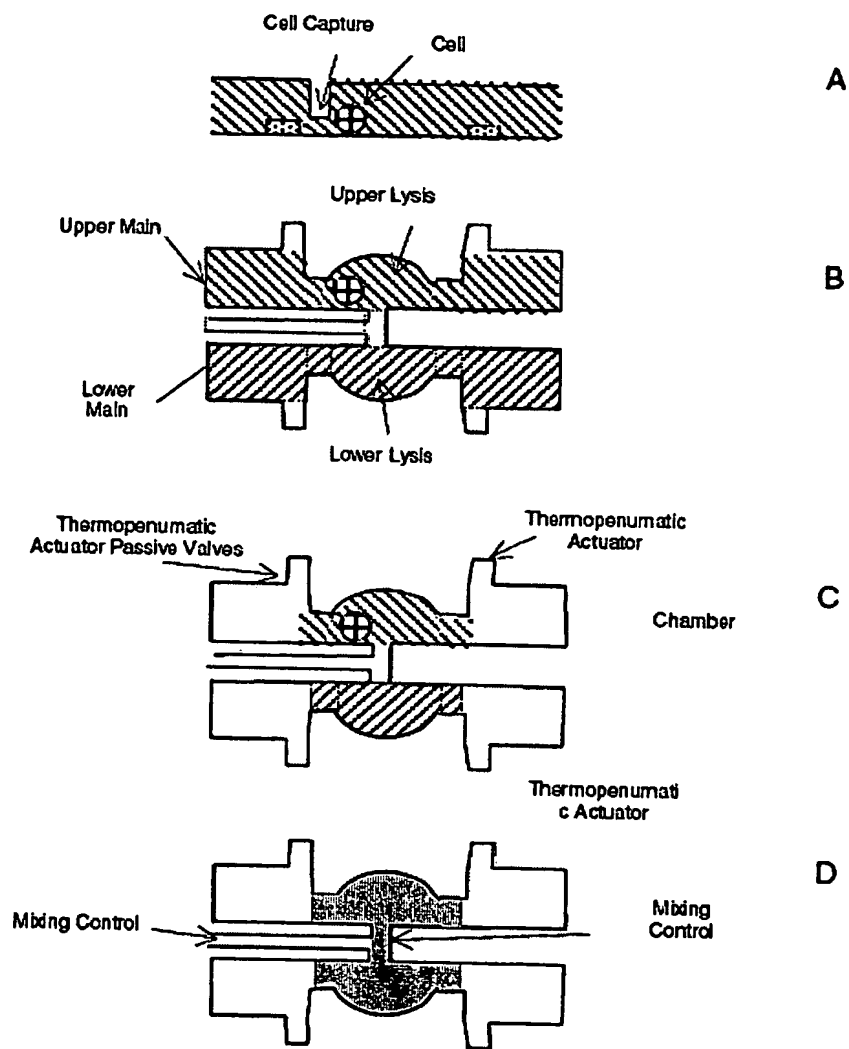


FIG. 3

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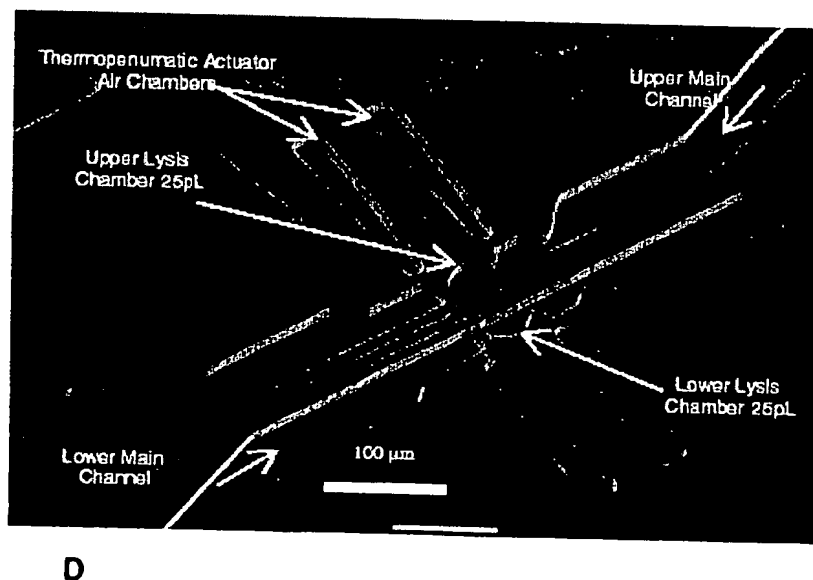
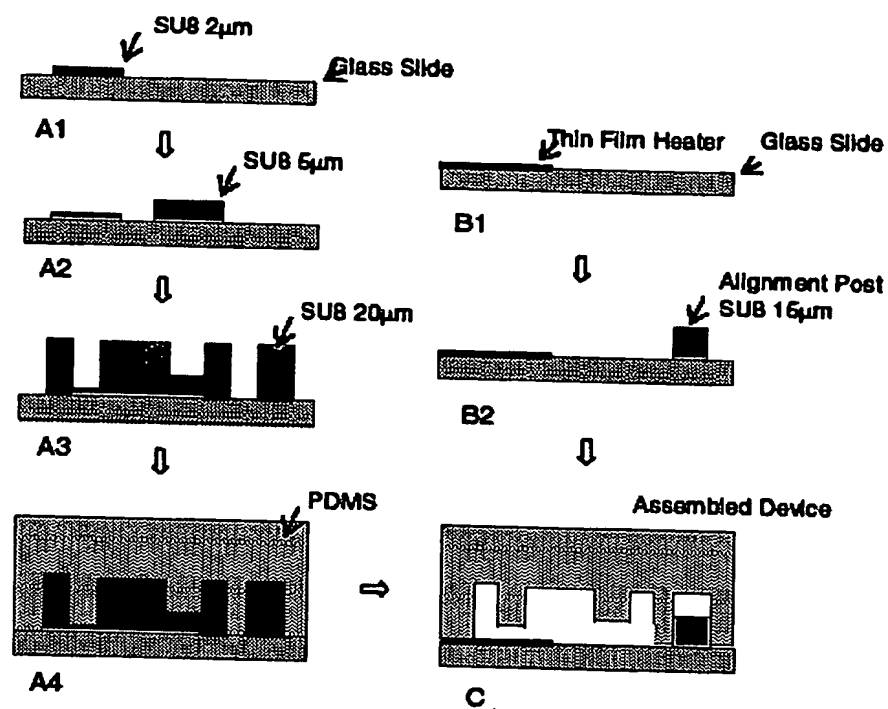


FIG. 4

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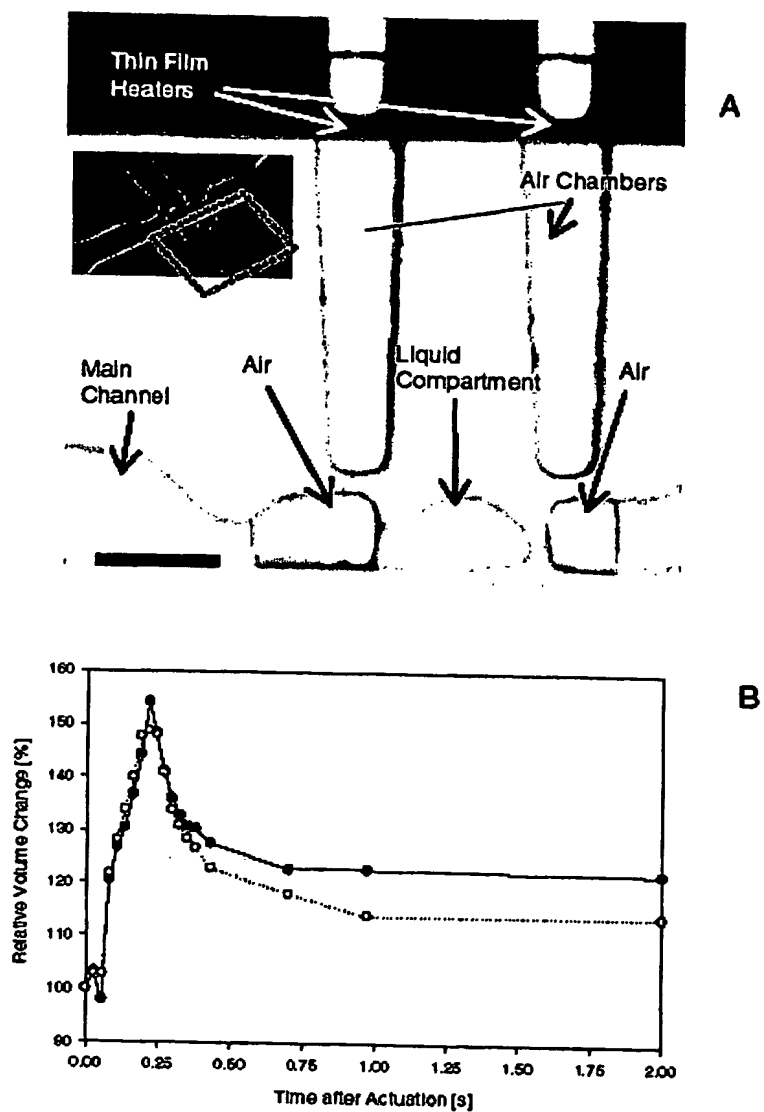
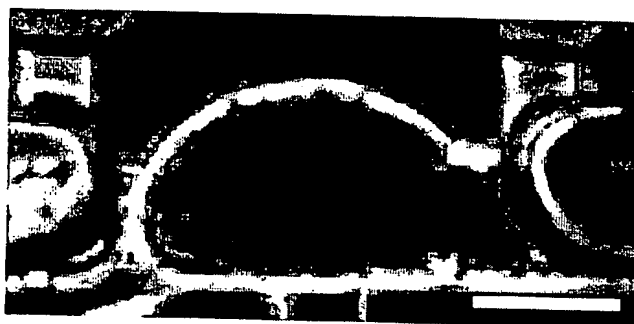


FIG. 5



A



B

FIG. 6

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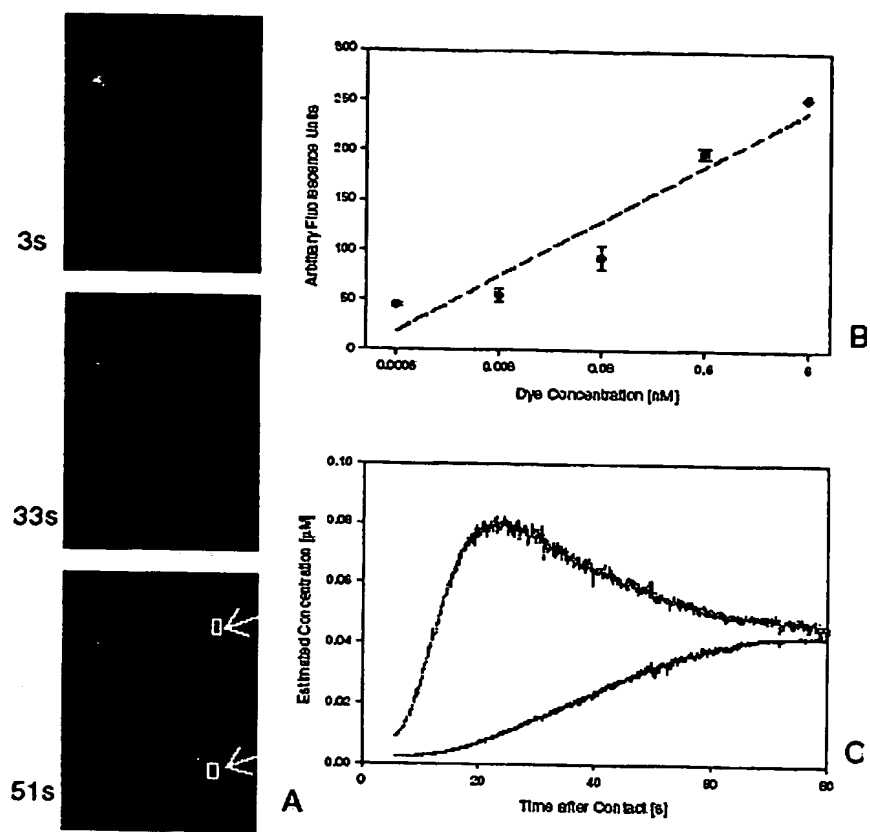


FIG. 7

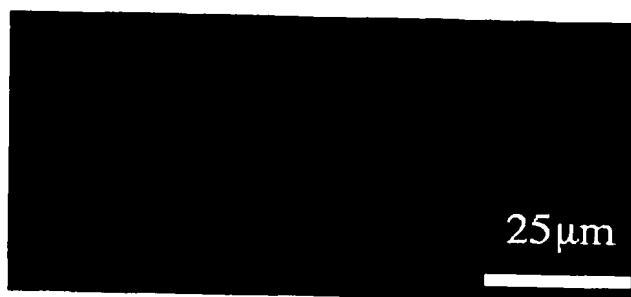
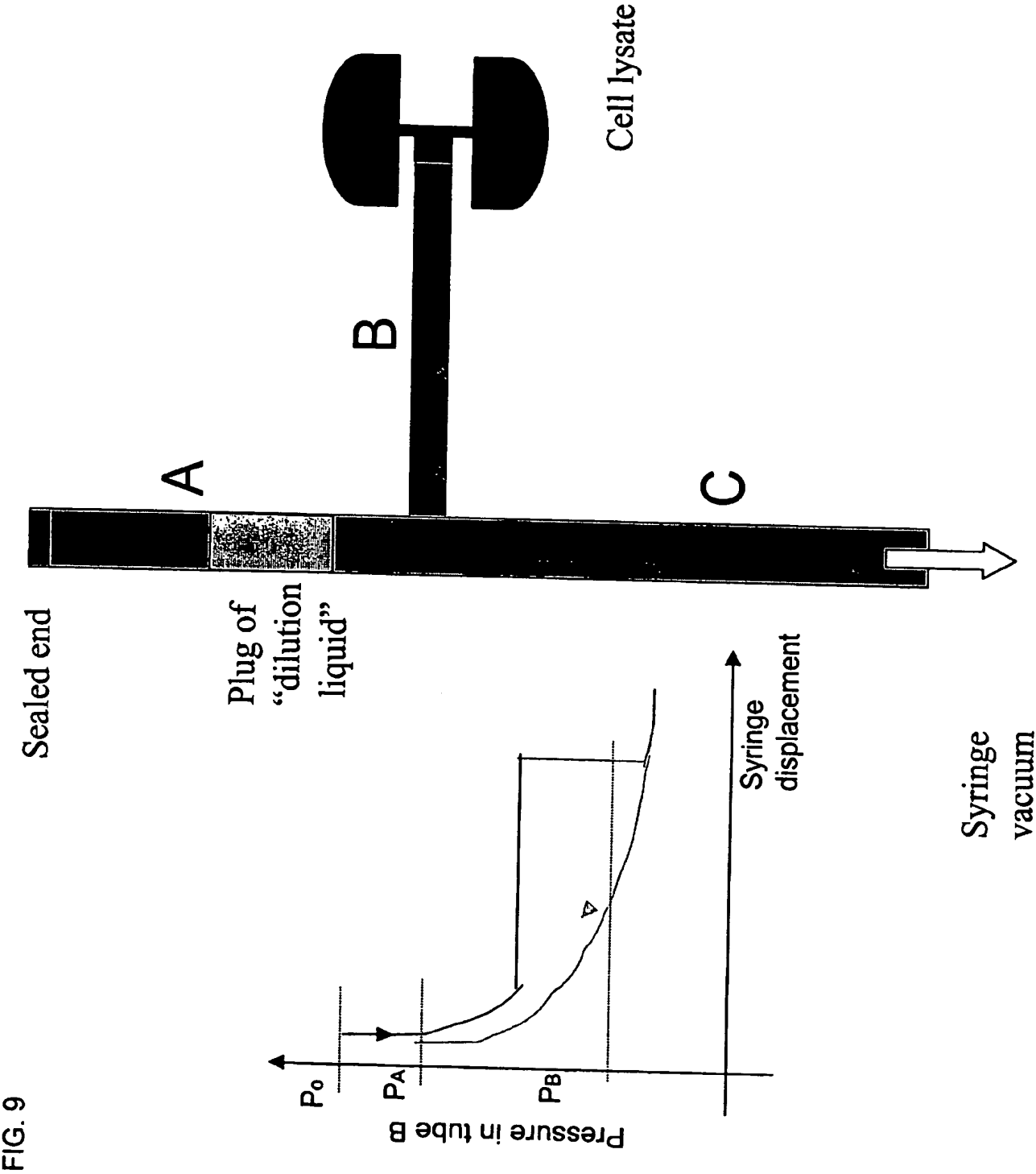


FIG. 8



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FIG. 10

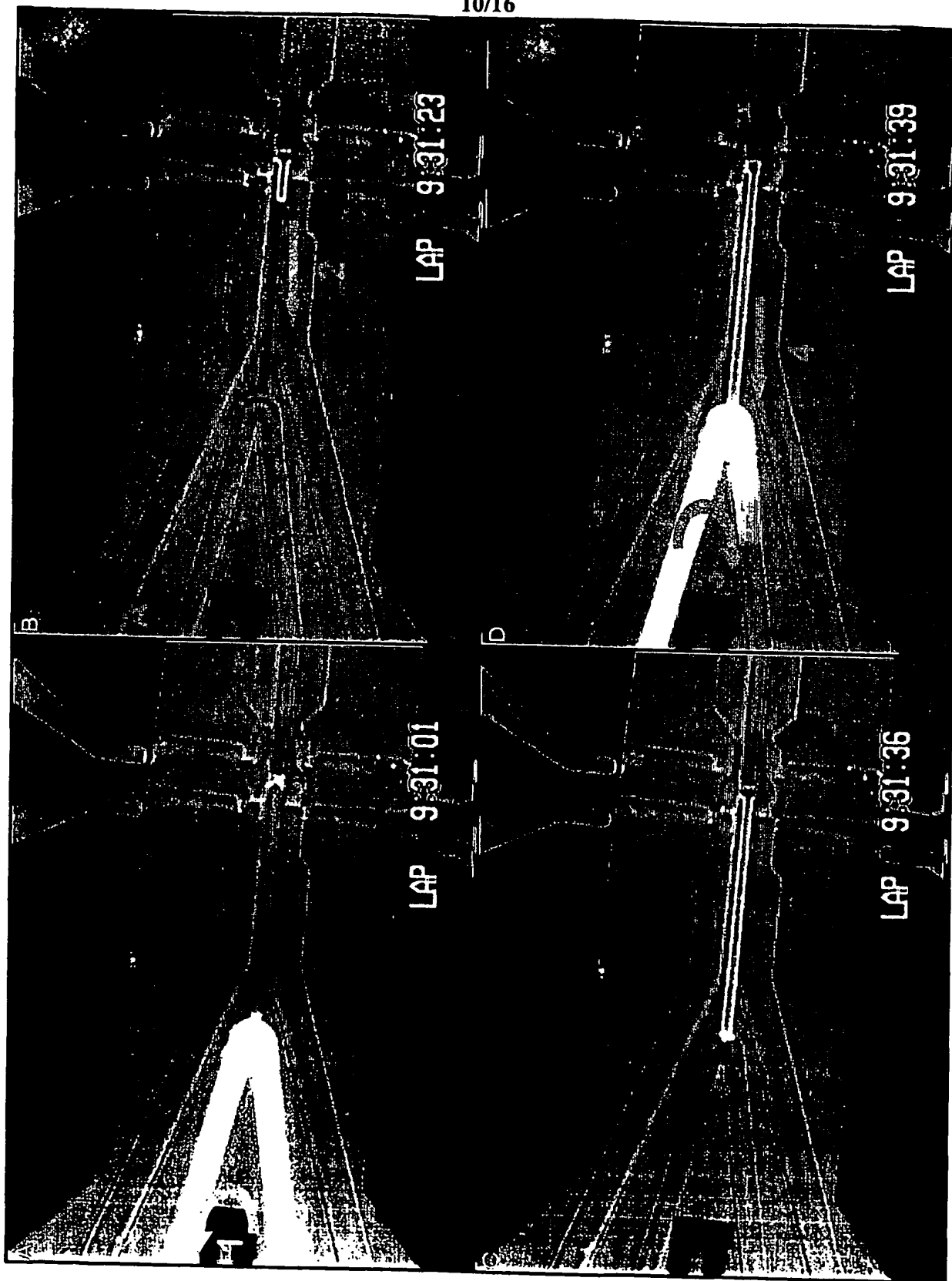


FIG. 11

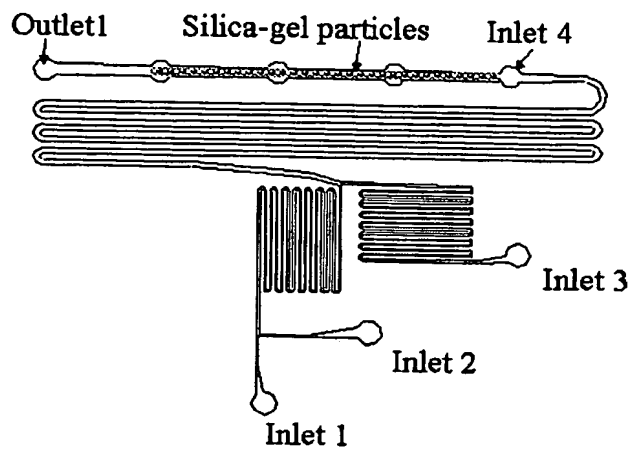


Beads covered with antibodies and cells



Beads can be manipulated using
external magnetic fields

FIG. 12



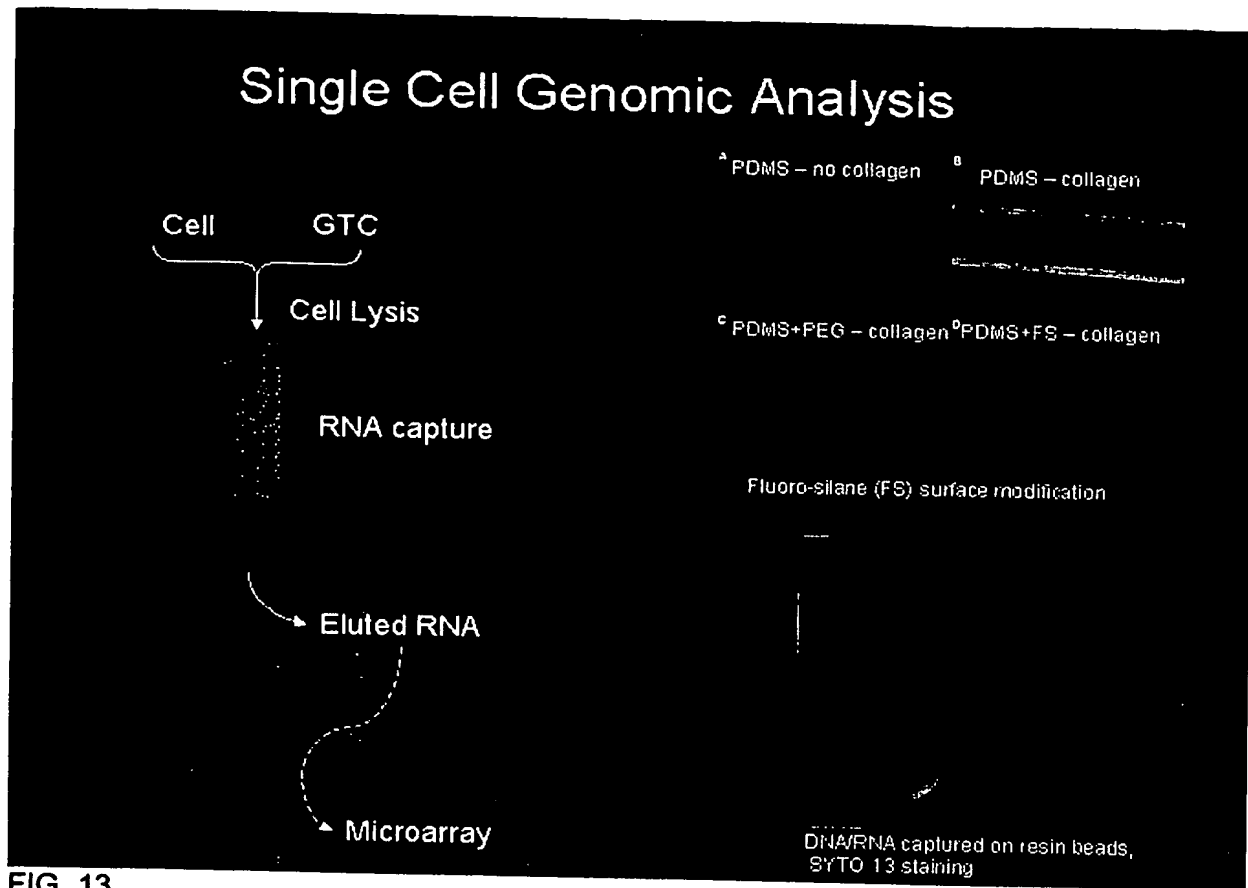


FIG. 13

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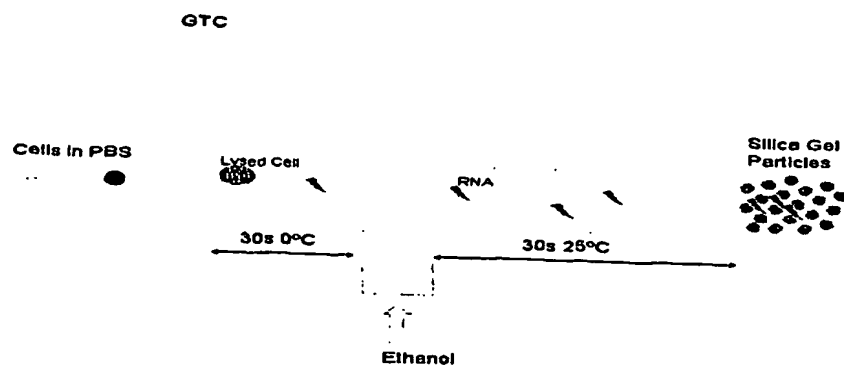


FIG. 14

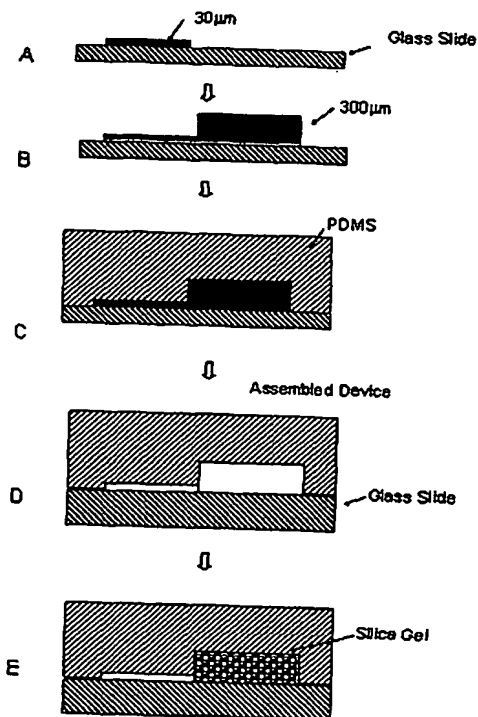


FIG. 15

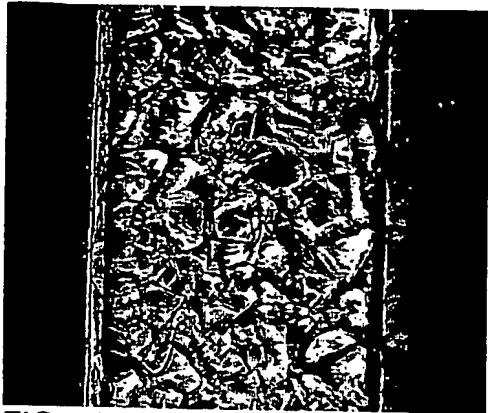


FIG. 16

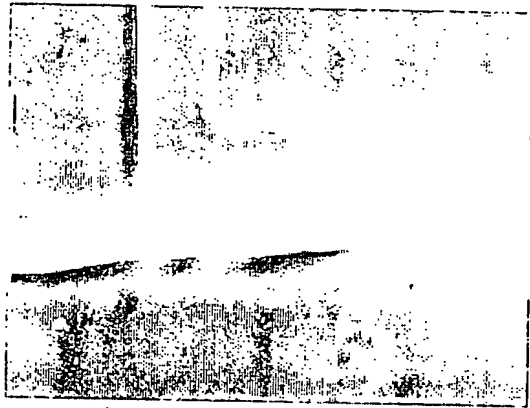
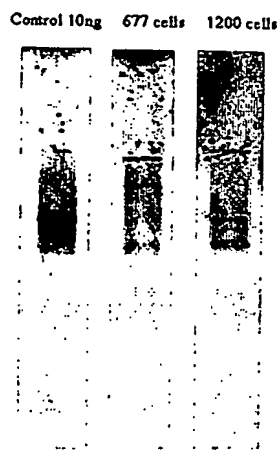


FIG. 17

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RNA gel electrophoresis. Tracks for 10ng control, RNA isolated from 677 and 1200 B lymphoblastoma cells using the microfabricated device.

FIG. 18.

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